

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 **Claims 1-10** (Canceled)

1 **Claim 11** (Previously presented): A rotor for an
2 electric rotary machine comprising:

3 a rotor yoke having a cylindrical peripheral wall
4 with a first axial end and a second axial end opposite the
5 first axial end, a bottom wall provided integrally with
6 said peripheral wall so as to close the first axial end of
7 said peripheral wall, and a boss provided at a central
8 portion of said bottom wall for mounting a rotary shaft,
9 and

10 an inductor forming member fitted onto the outer
11 surface of said peripheral wall, said inductor forming
12 member having a ring-like portion and inductor magnetic
13 poles formed on an outer surface of said ring-like portion,
14 said ring-like portion having a first axial end and a
15 second axial end opposite the first axial end of the
16 ring-like portion, and an inner surface of said ring-like
17 portion fitted against the outer surface of said peripheral
18 wall of the rotor yoke,

19 said peripheral wall further comprises an inner
20 surface and an outer surface and at least one protrusion on
21 the outer surface of the peripheral wall, said protrusion
22 including a first protrusion portion extending in an axial
23 direction of said rotor yoke and a second protrusion
24 portion extending in a circumferential direction of said
25 rotor yoke at a first end of said first protrusion portion,
26 said first protrusion portion including a projection
27 extending from a second end of said first protrusion
28 portion,
29 said inner surface of said ring-like portion
30 further comprising at least one recess corresponding to
31 each first protrusion portion so that each first protrusion
32 portion is engaged with a corresponding recess,
33 wherein said second protrusion portion is located
34 against the first axial end of said ring-like portion and
35 said projection is against the second axial end of the
36 ring-like portion when said ring-like portion is fitted
37 against said peripheral wall of the rotor yoke.

1 **Claim 12** (Previously presented): A rotor for an
2 electric rotary machine as set forth in claim 11, wherein
3 said second protrusion portion is integrally formed with
4 said first protrusion portion so that said protrusion is
5 T-shaped.

1 **Claim 13** (Previously presented): A rotor for an
2 electric rotary machine comprising

3 a rotor yoke having a cylindrical peripheral wall
4 with a first axial end and a second axial end opposite the
5 first axial end, a bottom wall provided integrally with
6 said peripheral wall so as to close the first axial end of
7 said peripheral wall, and a boss provided at a central
8 portion of said bottom wall for mounting a rotary shaft,
9 and

10 an inductor forming member fitted onto the outer
11 surface of said peripheral wall, said inductor forming
12 member having a ring-like portion and inductor magnetic
13 poles formed on an outer surface of said ring-like portion,
14 said ring-like portion having a first axial end and a
15 second axial end opposite the first axial end of the
16 ring-like portion, and an inner surface of said ring-like
17 portion fitted against the outer surface of said peripheral
18 wall of the rotor yoke,

19 said peripheral wall further comprises an inner
20 surface and an outer surface and at least one protrusion on
21 the outer surface of the peripheral wall, said protrusion
22 having a pair of protrusion portions extending in an axial
23 direction of said peripheral wall, said pair being located
24 faced to each other at a distance slightly larger than an
25 axial size of said ring-like portion,

26 said inner surface of said ring-like portion
27 further comprising at least one recess corresponding to
28 each protrusion so that each protrusion is engaged with a
29 corresponding recess,

30 wherein said pair is located against the first
31 axial end of said ring-like portion and the second axial
32 end of the ring-like portion when said ring-like portion is
33 fitted against said peripheral wall of the rotor yoke.

1 **Claim 14** (Currently amended): Claim 14 (previously
2 presented) A rotor for an electric rotary machine as set
3 forth in either of claims ~~8, 9, 10~~, 11, 12, and 13, wherein
4 a permanent magnet forming a magnetic field system is
5 mounted on the inner surface of said peripheral wall of
6 said rotor yoke.